SECTION D-D

DETAIL C
SHOWING BUMP ON -4 & -5 ONLY TO CLEAR HOISTING LUGS; LOCATE IN CONJUNCTION WITH 28W180

SECTION E-E

SECTION F-F
FULL SIZE

DUPRENE -12 (REF)

DRILL 17/64 (.266) 3/8 DEEP

DRILL 5/16 - TWO HOLES TO MATCH HOLES IN UPPER SURFACE SPLICE ANGLES

CHAMFER AS SHOWN TO CLEAR FILLETS ON SPLICE ANGLE

ATTACHING BRACKET
UPPER FAIRING
FULL SIZE

DASH NO.	U	V	W
-6	19/64	1/16	27/64
-20	21/64	3/32	29/64

DETAIL A
FULL SIZE

PBY-4 (2-2) AL. AL. SPEC. 46A9 COND "T" SEE DETAIL
PBY-2 & PBY-3 (2-2)

RIVET TO BLOCK ASSY WITH AN426-D4

-7 (REF)

-8 (REF) RIVET TO -4 (REF) & -5 (REF) WITH Q4305-D4-4 REQ

SEE DETAIL

-48 (REF)

Q4305-D4-8 REQ

AC995-C32-3

AN-526-1032-7 2 REQ
Q5103-1

28W5042

-4 L.H. .030 AL. AL. SHEET 24SO SPEC 47A10 HT. TR. SE33 COND "T"
-5 R.H.

-26 L.H. COMPLETE UPPER FAIRING ASSEMBLY - PBY-2 & 3
-27 R.H.
-34 L.H. COMPLETE UPPER FAIRING ASSEMBLY - PBY-4
-35 R.H.

FRONT SPAR

REAR SPAR

1/8 x 1/2 DUPRENE SPEC. COMM. SECURE WITH CEMENT

-16 L.H. .030 AL. AL. SHEET 24SO SPEC 47A10 HT. TR. SE33 COND "T"
-42 R.H.

Q4305-D4 5 REQ.

-28 L.H. PBY-2
-29 R.H.
-32 L.H. PBY-3 COMPLETE LOWER FAIRING ASSEMBLY
-33 R.H.
-36 L.H. PBY-4
-37 R.H.

-46 L.H. PBY-2 LOWER SHEET ASSEMBLY
-47 R.H.

DRILL #10 (.193) - 4 DRAIN HOLES LH & RH LOWER

-17 L.H. .030 AL. AL. SHEET 24SO SPEC 47A10 HT. TR. SE33 COND "T"
-39 R.H.

Q4305-D4 5 REQ

-3 L.H. .030 AL. AL. SHEET 24SO SPEC 47A10 HT. TR. SE33 COND "T"
-38 R.H.

-12 (REF)

DETAIL G
FOR ALL PBY-2 & #1 PBY-3
FULL SIZE

-17 (REF)

Q4305-D4 5 REQ.

DETAIL G
FOR PBY-3 SHIPS #2 & FOLLOWING & PBY-4 ALL SHIPS
FULL SIZE

AC366-DF1032-4 REQ.
AN425-D3-8 REQ

DRILL 3/8 HOLE IN -8 (REF)
DRILL 5/16 AND TAP 5/16-24 NF3 IN -7 (REF)

CHROM. MOLY STEEL SHEET - SPEC 47A14 NAR 8H37-6

RIVETS 3/8 EDGE DIST THREE EQUAL SPACES

DRILL #56 (.046) 2 HOLES

AN442-D4

.051 AL. AL. SHEET (24SO) SPEC 47A10 HT. TR. SE33 COND "T" - BEND RADII

BLOCK ASSEMBLY
FULL SIZE

DRILL 17/64 (.266) 3/8 DEEP

CHAMFER AS SHOWN TO CLEAR FILLETS ON SPLICE ANGLES

DRILL 5/16 - 2 HOLES TO MATCH HOLES IN LOWER SURFACE SPLICE ANGLES

ATTACHING BRACKET
LOWER FAIRING
FULL SIZE

DASH NO.	X	Y	Z
-8	[illegible]	1/16	1/4
-21	11/16	3/32	1/4

AC366-DF1032
AN426 D3

BEND PIECE TO FIT

DRILL #28 (.1405) TWO HOLES

28W183 - 8 BEND TO SUIT

1/32 x 3/8 DUPRENE SPEC. COMM. SECURE WITH CEMENT

NOTE - 48 IS IDENTICAL TO -15 EXCEPT THAT IT IS TRIMMED TO SUIT -43.

DETAIL OF -10 & -43
FULL SIZE

DETAIL OF -19
.051 AL. AL. SHEET 24ST SPEC 47A10 COND "T" FINISH 2-P

DRILL #30 (.128) 7 HOLES

SHAPE & POSITION OF LUG BEFORE BENDING

BEND LINES

28W5042

PBY-4 AL. AL. SPEC 46A9 COND "T" - SEE DETAIL
PBY-2 & 3

RIVET TO BLOCK ASSY WITH AN426-D4

-7 (REF)

-8 (REF) RIVET TO -3 (REF) -38 (REF) WITH Q4305-D4-4 REQ

28W183 - 13 BEND TO SUIT

SEE DETAIL

Q4305-D4

AC995-C32-3

AN526-1032-7 2 REQ
Q5103-1

DETAIL B
FULL SIZE

NOTE:
1 FINISH 2-P-2YE ON TOP-INSIDE & OUT 2-P-2GP ON BOTTOM-INSIDE & OUT TO CONFORM WITH ADJACENT SURFACES
6 -9, -20, 21 2-P-2GP
2 COMPLETE FAIRING ASSYS ARE C-1, 40, -41, 50, -51

FINISH CODE	
Z	ANODIC TREATMENT
P	P II PRIMER
AP	ALUMINIZED PRIMER
C	CADMIUM PLATE

GP - GREEN PRIME
YE - YELLOW ENAMEL

G.N.	MODEL	NEXT ASSY	REQ
	28-5AMC	28W5501	1EA
	PBY-5A	28W5501	1EA
	28-5AMN		1EA
	28-5MN		1EA
	28-5ME		1EA
	28-5MC		1EA
	28-5MA	28W5501	1EA
	PBY-5A	28W4001	1EA
	PBY-5		1EA
-51	PBY-4		
-50	PBY-4	28W4001	
-41	PBY-3	28W3001	
-40	PBY-3	28W3001	
-1	PBY-2	28W2001	
-0	PBY-2	28W2001	

REQUIREMENTS PER AIRPLANE

APPROVAL 2-25-38
354
SCALE 3 IN = 1 FT 0 IN & NOTED

[redacted]

MATERIAL	SPEC	HEAT TREAT	FINISH
NOTED	NOTED	NOTED	NOTED

CONSOLIDATED AIRCRAFT CORP.
SAN DIEGO, CALIF.

FAIRING - WING - OUTER PANEL ATTACHING JOINT

OPP. HAND 28W2018-1
J 28W2018

H 502

.R 28W2018